

09651901\_CLS.txt  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09651901 on May 31, 2005

Original Classifications

4 705/51  
3 713/168  
3 713/176  
2 358/1.18  
2 382/100  
2 705/1  
2 705/53  
2 705/59  
2 713/167

Cross-Reference Classifications

5 705/26  
5 705/51  
5 705/57  
4 705/1  
4 705/53  
4 713/176  
4 713/200  
3 380/30  
3 705/56  
3 705/75  
3 713/162  
3 713/182  
3 713/193  
2 235/380  
2 380/201  
2 380/28  
2 705/27  
2 705/37  
2 705/50  
2 705/52  
2 705/54  
2 705/59  
2 705/78  
2 705/80  
2 713/164  
2 713/165  
2 713/181  
2 713/201

Combined Classifications

9 705/51  
7 713/176  
6 705/1  
6 705/53  
6 705/57  
5 705/26  
4 705/59  
4 713/168  
4 713/200  
3 235/380  
3 380/201  
3 380/30  
3 382/100  
3 705/56  
3 705/75  
3 705/78  
3 705/80

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3 713/162  
3 713/167  
3 713/182  
3 713/193  
3 713/201  
2 358/1.18  
2 380/28  
2 705/27  
2 705/30  
2 705/37  
2 705/50  
2 705/52  
2 705/54  
2 713/156  
2 713/164  
2 713/165  
2 713/181  
2 713/2

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09651901 on May 31, 2005

- 9 705/51 (4 OR, 5 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
705/51 .Usage protection of distributed data files
- 7 713/176 (3 OR, 4 XR)  
Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT  
713/150 MULTIPLE COMPUTER COMMUNICATION USING  
CRYPTOGRAPHY  
713/168 .Particular communication authentication  
technique  
713/176 ..Authentication by digital signature  
representation or digital watermark
- 6 705/1 (2 OR, 4 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT
- 6 705/53 (2 OR, 4 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
705/51 .Usage protection of distributed data files  
705/52 ..Usage or charge determination  
705/53 ...Including third party for collecting or  
distributing payment (e.g., clearinghouse)
- 6 705/57 (1 OR, 5 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
705/51 .Usage protection of distributed data files  
705/57 ..Copy protection or prevention
- 5 705/26 (0 OR, 5 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/26 .Electronic shopping (e.g., remote ordering)
- 4 705/59 (2 OR, 2 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
705/51 .Usage protection of distributed data files  
705/59 ..Licensing
- 4 713/168 (3 OR, 1 XR)  
Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT  
713/150 MULTIPLE COMPUTER COMMUNICATION USING  
CRYPTOGRAPHY  
713/168 .Particular communication authentication  
technique

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- 4 713/200 (0 OR, 4 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/200 SECURITY
- 3 235/380 (1 OR, 2 XR)  
 Class 235 : REGISTERS  
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS  
 235/380 .Credit or identification card systems
- 3 380/201 (1 OR, 2 XR)  
 Class 380 : CRYPTOGRAPHY  
 380/200 VIDEO CRYPTOGRAPHY  
 380/201 .Copy protection or prevention
- 3 380/30 (0 OR, 3 XR)  
 Class 380 : CRYPTOGRAPHY  
 380/28 PARTICULAR ALGORITHMIC FUNCTION ENCODING  
 380/30 .Public key
- 3 382/100 (2 OR, 1 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/100 APPLICATIONS
- 3 705/56 (0 OR, 3 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/51 .Usage protection of distributed data files  
 705/55 ..Requiring a supplemental attachment or input  
 (e.g., dongle) to open  
 705/56 ...Specific computer ID (e.g., serial number,  
 configuration, etc.)
- 3 705/75 (0 OR, 3 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/64 .Secure transaction (e.g., EFT/POS)  
 705/75 ..Transaction verification
- 3 705/78 (1 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/64 .Secure transaction (e.g., EFT/POS)  
 705/77 ..Including remote charge determination or  
 related payment system  
 705/78 ...Including third party
- 3 705/80 (1 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/80 ELECTRONIC NEGOTIATION
- 3 713/162 (0 OR, 3 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/162 .Having particular address related cryptography

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- 3 713/167 (2 OR, 1 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
           713/150       MULTIPLE COMPUTER COMMUNICATION USING  
                           CRYPTOGRAPHY  
           713/164       .Security kernel or utility  
           713/167       ..Object protection
  
- 3 713/182 (0 OR, 3 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
           713/182       SYSTEM ACCESS CONTROL BASED ON USER  
                           IDENTIFICATION BY CRYPTOGRAPHY
  
- 3 713/193 (0 OR, 3 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
           713/189       DATA PROCESSING PROTECTION USING CRYPTOGRAPHY  
           713/193       .By stored data protection
  
- 3 713/201 (1 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
           713/200       SECURITY  
           713/201       .Computer network
  
- 2 358/1.18 (2 OR, 0 XR)  
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING  
           358/1.1       STATIC PRESENTATION PROCESSING (E.G.,  
                           PROCESSING DATA FOR PRINTER, ETC.)  
           358/1.18       ..Detail of image placement or content
  
- 2 380/28 (0 OR, 2 XR)  
 Class 380 : CRYPTOGRAPHY  
           380/28       PARTICULAR ALGORITHMIC FUNCTION ENCODING
  
- 2 705/27 (0 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
                   PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
           705/1       AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
                           PRACTICE OR MANAGEMENT ARRANGEMENT  
           705/26       ..Electronic shopping (e.g., remote ordering)  
           705/27       ..Presentation of image or description of sales  
                           item (e.g., electronic catalog browsing)
  
- 2 705/30 (1 OR, 1 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
                   PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
           705/1       AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
                           PRACTICE OR MANAGEMENT ARRANGEMENT  
           705/30       ..Accounting
  
- 2 705/37 (0 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
                   PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
           705/1       AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
                           PRACTICE OR MANAGEMENT ARRANGEMENT  
           705/35       ..Finance (e.g., banking, investment or credit)  
           705/37       ..Trading, matching, or bidding

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- 2 705/50 (0 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY
- 2 705/52 (0 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/51 .Usage protection of distributed data files  
 705/52 ..Usage or charge determination
- 2 705/54 (0 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/51 .Usage protection of distributed data files  
 705/52 ..Usage or charge determination  
 705/54 ...Adding plural layers of rights or  
 limitations by other than the original producer
- 2 713/156 (1 OR, 1 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/155 .Central trusted authority provides computer  
 authentication  
 713/156 ..By certificate
- 2 713/164 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/164 .Security kernel or utility
- 2 713/165 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/164 .Security kernel or utility  
 713/165 ..File protection
- 2 713/181 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/168 .Particular communication authentication  
 technique  
 713/181 ..Message digest travels with message
- 2 713/2 (1 OR, 1 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/1 DIGITAL DATA PROCESSING SYSTEM INITIALIZATION  
 OR CONFIGURATION (E.G., INITIALIZING, SET UP,  
 CONFIGURATION, OR RESETTING)  
 713/2 .Loading initialization program (e.g., booting,  
 rebooting, warm booting, remote booting, BIOS, initial